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| FORM PTO-1449 (Modified) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 06401 USA | SERIAL NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT Clifford E. Lucas et al. | |
| | | FILING DATE | GROUP |

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

| EXAM- INER INITIAL | DOCUMENT NUMBER | | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|--------------------------|-----------------|---|---|---|---|---|---|------------|--------------|------|-------|----------|-------------------------------|
| | 3 | 8 | 5 | 5 | 8 | 1 | 0 | | | | | | |
| | 3 | 8 | 5 | 5 | 8 | 1 | 0 | 12/24/1974 | Simon et al. | 62 | 9 | | |
| | 4 | 5 | 6 | 6 | 8 | 8 | 5 | 01/28/1986 | Haak | 62 | 9 | | |
| | 4 | 7 | 9 | 9 | 3 | 5 | 9 | 01/24/1989 | Nicoll | 62 | 6 | | |
| | 5 | 3 | 1 | 9 | 9 | 4 | 5 | 06/14/1994 | Bartlett | 62 | 174 | | |
| | 5 | 4 | 0 | 8 | 8 | 4 | 0 | 04/25/1995 | Talley | 62 | 126 | | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|-----------------|---|---|---|---|---|---|----------|------|---------|-------|----------|-------------|----|
| | 9 | 7 | 3 | 3 | 1 | 3 | 1 | | | | | | YES | NO |
| | 9 | 7 | 3 | 3 | 1 | 3 | 1 | 12.09.97 | WIPO | F25J | 1/02 | | X | |
| | 8 | 8 | 0 | 6 | 6 | 7 | 4 | 07.09.88 | WIPO | E21B | 43/00 | | X | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.